

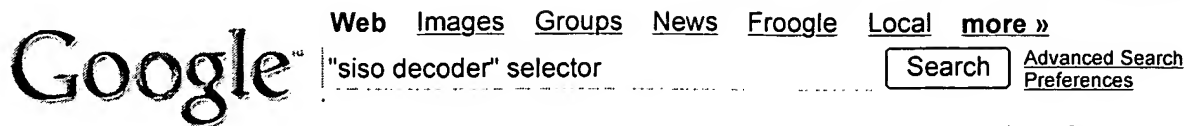
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L3	94	liu.in. and turbo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:50
L4	9	liu.in. and turbo and qpsk	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:50
L5	2	("6671338").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 16:53
L6	56	frequency with correction same decoders	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/07 17:14
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L16	10	SISO with fading	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:38

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L18	20	space near time and turbo near decoder and channel near information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 18:40
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L20	5	"space-time turbo code"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 20:38
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L26	24	siso adj decoder with (sequencer or select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 19:19
L27	39	siso adj decoder same (sequencer or select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 20:55
L28	7	"space-time" with "turbo decoder"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 20:53
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L33	14	((siso adj decoder) and (sequencer or select\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/07 20:55
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SISO decoder architecture with our proposed technique. has been implemented to investigate its ... **selector**. Therefore, our architecture uses 3 additional ...

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United States Patent Application: 0050052991

a rate **selector** 174 receives The channel estimates and selects a rate For ...

SISO decoder 954a then derives new LLRs For The data and first parity bits, ...

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United States Patent Application: 0050128966

[0048] inputting from a **SISO decoder** a set of bit likelihood values l(C.sub. ...

be used to provide diversity by combining them in combiner/**selector** 523, ...

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use the **SISO decoder** for the first constituent encoder to decode. the data. ...

1) Initialize the rate **selector**. and punc-. turing table ...

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stream feeds a symbol **selector** that maps each group of. consecutive bits into a complex ... [11]–[13], the data APPs generated by a **SISO decoder** are ex- ...

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... Page 14. 14 Fig. 5 : Schematic of the TTCM Page 15. 15 **selector** pattern 1 x 1 x

1 x x 1 x 1 x 1 Fig. 6 : Example of transmitter of TTCM Page 16. 16 ...

[www.dyu.edu.tw/~thhu/error%20control%20coding_2/Bandwidth%20efficient%20coding%20\(2\).pdf](http://www.dyu.edu.tw/~thhu/error%20control%20coding_2/Bandwidth%20efficient%20coding%20(2).pdf) - Supplemental Result - [Similar pages](#) - [Remove result](#)

EP1345374 Ntt european software patent - Mimo receiver and method ...

69, and The deinterleaved sequence is decoded by The **SISO decoder** 63. ... 21A,

and a group **selector** 48g determines such that denoting The number of groups ...

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EP1367758 Broadcom european software patent - Metric calculation ...

EP1367758 Broadcom corp (US): Metric calculation for variable code rate decoding

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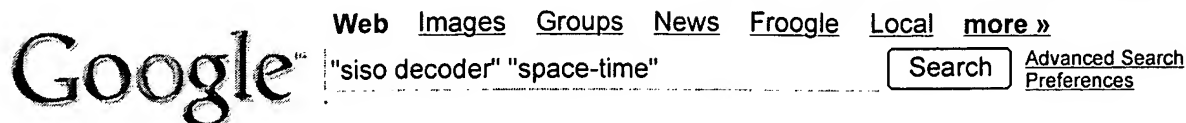
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[PDF] Outage Capacities of **Space-Time** Architectures

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age capacities of the **space-time** architectures which employ sub- ... **SISO decoder** obtained after feedback are. denoted by ...

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well as channel coding and LDC **space time** (ST) coding is. proposed. ... output (SISO) demodulator, followed by a **SISO decoder**. The ...

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... spaced soft-input soft-output (SISO) filter-based **space-time** equalizer is ... equalizer followed by a soft demapper, exchanges information with the **SISO decoder**. ...

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... to the signal constellation to find good mappings suited for **space-time** coding. ...

likelihoods and the a priori probabilities fed back from the **SISO decoder**. ...

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acts as a soft output equalizer for both the **space-time** spreader and the MIMO channel, and a **SISO decoder** for C. An iterative joint detection and decoding ...

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[Paper] Implementation of Turbo Trellis-coded Modulation using ...

Each **SI**SO decoder is similar to the original **turbo decoder** with BPSK modulation, ... BER performance over a **fading** channel. References [1] C. Berrou, ...

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[Paper] Optimum **SI**SO Receiver for Turbo-coded QAM Systems over a ...

This study is especially relevant to the design of **SI**SO modules to be embedded in a **turbo-decoder** be- cause turbo decoding is highly dependent on channel ...

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Figure 2: **Turbo decoder** diagram. 5. SIMULATION RESULTS. The proposed turbo coded system is simulated using. AWGN and uncorrelated Rayleigh **fading** channels. ...

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soft-output (**SI**SO) **turbo decoder** to obtain the. transmitted information ... specifically for **fading** channel. But yet, we are ...

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selective **fading** channels," IEEE Comm. Letters, vol. 5, pp. 304-306, July 2001.

Configuration. E. b. /N. 0. **SI**SO. QPSK / AWGN. 1.8 dB. QPSK / PIRF ...

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...a wideband AQAM modem for transmission over the TU Rayleigh **fading** channel. The BPS throughputs of 1, 2, 4 and 6 represent BPSK...from the reduced co-channel interference and reduced multipath **fading** [18,19] upon using smart antennae may be exchanged for an increased...
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- ☐ **12. Iterative decoding and channel estimation over hidden Markov fading channels**
1975- Khan, Anwer Ali,, Jan 2000
 ...4.2 Effect of **Fading** Rate...2.3 A rate 1/3 **turbo decoder**...estimators to the **fading** rate or to the...67 5.2 A **turbo decoder** with a trellis...Estimation Recall that a **turbo decoder** consists of two...output of the other **SISO** module, and the...channel gain or the **fading** amplitude, θ_i ...
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- ☐ **13. Implementation of a turbo decoder on a configurable computing platform**
Hess, Jason Richard., Jan 2000
 ...4.3: Memory map for **turbo decoder**...Resource utilization for **turbo decoder** implementation...information for the **turbo decoder**...List of Variables a **Fading** channel amplitude B...
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- ☐ **15. 2000 Conference on Information Sciences and Systems, Princeton University, March 1517, 2000 [PS-22K]**
 Aug 2001
 ... $i = 1; : : : N$ \Gamma_{1g} passed from the **turbo decoder**. The symbol APP's are used to compute APP's...bits are deinterleaved and are passed to the **turbo decoder**. The **turbo decoder** works Rate 1/3 repetition code Interleaver...
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 Jan 2000
 ...practice, the effect of multipath, **fading**, timevarying channels and...a softinput softoutput (**SISO**) multiuser detector and a bank 1 of singleuser **SISO** channel decoders. For the single...turbo coding in a multipath **fading** channel is investigated. But...only the iteration inside **turbo decoder** will be used in order to reduce...
[\[http://www.ece.osu.edu/~ubli/D807/piz.ps\]](http://www.ece.osu.edu/~ubli/D807/piz.ps)
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- ☐ **17. Parameter selection at run-time to optimize energy efficiency [PDF-37K]**
 Jun 2002
 ...Computational complexity of **SISO** decoders A **turbo decoder** contains also two...tions needed for the **turbo decoder** per bit is about $n \cdot \text{re-ceiver}$ and fec **turbo decoder**, but also the fec...multiple users \cdot **fading** Wireless channel with...
[\[http://wwwhome.cs.utwente.nl/~smitl/pubs/Parameter_sel...\]](http://wwwhome.cs.utwente.nl/~smitl/pubs/Parameter_sel...)
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- ☐ **18. el-scale.PDF [PDF-14K]**
 Nov 2000
 ...Soft-out decoder (**SISO**) is the most important part of a **Turbo decoder**. The Max-Log-MAP...iterative manner. **SISO** decoding of the...Turbo codes and **Turbo decoder**, see [1]-[5]. Applying...uncorrelated Rayleigh **fading** is shown. An improvement...be implemented in **Turbo decoder** realizations for...

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☐ **19. Space - Frequency Turbo Coded OFDM** [PDF-31K]

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...against detrimental effects of **fading**, enable increased information...single-input single-output (**SISO**) channels. A number of transmit...channel creates an equivalent **SISO** channel with characteristics...high capacity of MIMO Rayleigh **fading** channels by jointly exploiting...resultant encoder and iterative (**turbo**) **decoder** operate on bit level. Symbol-to-bit...

[http://www.ee.oulu.fi/~djordje/DjT_glob01.pdf]

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☐ **20. No Title** [PDF-26K]

Nov 2002

...inner decoder) TPC decoder (**SISO** outer decoder) **Turbo Decoder S** inner code n TPC/SPC D 2...BER K=512, R=0.5 PA, Indpt **Fading** simu, CSI simu, no CSI Divs...10-2 10-1 100 R=0.5 PA, Indpt **Fading**, CSI Eb/No (dB) BER Shannon...10-2 10-1 100 R=0.5 PA, Indpt **Fading**, No CSI Eb/No (dB) BER Shannon...

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Aug 2002
...Soft-input/Soft-output (**SISO**) **decoder** Analog design of the **SISO decoder** Turbo product codes Encoder **Turbo Decoder** Comments & Conclusions...AWGN: Rayleigh flat-fading © 2002 Scaling the Input Input to the **SISO decoder** must be scaled: In...
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...61 5.1.1.2 **Turbo Decoder**...148 6.3 **TURBO DECODER** DESIGN...152 6.4.1 Soft values needed by **turbo decoder**...
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- ☐ 3. [turbo_equl_pragmatic \[PDF-42K\]](#)
Apr 2001
...Deinterleaver Demapping **Turbo Decoder** Bit-To- Symbol...decoding receiver **Fading** Channel AWGN The...of Log-MAP, in **turbo decoder**, we will apply...the output of the **SISO decoder** number x, DEC-x...sent to the other **SISO decoder** (DEC2) where they...bit received from **turbo decoder** into their corresponding...
[more hits from](#) [http://www.comlab.hut.fi/opetus/311/turbo_equl_pragmat...]
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- ☐ 4. [2000 Conference on Information Sciences and Systems, Princeton University, March 15-17, 2000 \[PS-22K\]](#)
Aug 2001
...system model that includes the **fading** channel, the overlapped block...differential encoder block **fading** channel channel interleaver...encoder channel interleaver **SISO decoder** transmit filter receive filter...we consider a block Rayleigh **fading** channel. We assume that the...
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- ☐ 5. [Iterative Multiuser Detection and Decoding for Turbocoded CDMA \[PS-29K\]](#)
Jan 2000
...**Decoder** Each user has its own **turbo decoder** and the structures of all...each other. For a particular **turbo decoder**, its inputs are the probability...turbo decoders. Besides, each **turbo decoder** consists of two **SISO decoder** modules which are separated...
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- ☐ **7. The Turbo Decoding Principle Tutorial Introduction and State of the Art [PPT-2MB]**
Nov 2001
...for Rician **Fading** X and Y are...Modulator **Turbo Decoder** De- interleaver...Codes The **turbo decoder** can also be...Estimated Data **Turbo Decoder** interleaver...Equalizer (Outer) **SISO Decoder** Estimated...s ith bit (**fading** ampltiude...
[http://www.csee.wvu.edu/~mvalenti/documents/prelim-val...]
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Sep 2002
DYNAMICALLY RECONFIGURABLE ARCHITECTURE FOR THIRD GENERATION MOBILE SYSTEMS A Dissertation Presented to The Faculty of the Fritz J. and Dolores H. Russ College of Engineering and Technology Ohio University In Partial Fulfillment of the Requirements for the Degree Doctor of Philosophy by Ahmad M.
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- ☐ **9. RECONFIGURABLE SIGNAL PROCESSOR FOR [PDF-47K]**
Sep 2000
...computational-time efficient **turbo decoder** implementation on a reconfigurable processor is presented. The **turbo decoder** takes advantage of the latest...flexible, hardware embodiment of a **turbo decoder**, as described in this paper...
[http://cwc.ucsd.edu/~psiegel/pubs/98/SIPS98.pdf]
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- ☐ **10. Analysis of the Iterative Decoding of Product Codes Using the Gaussian Approximation [PDF-19K]**
Oct 2002
...noise (AWGN) and the Rayleigh **fading** channel are consistent with...soft- input/soft-output (**SISO**) **decoder**. Using the same idea, Pyn...R. Hammons, "Analysis the **turbo decoder** using the Gaussian approximation...and F. Pollara, "Iterative **turbo decoder** analy- sis based on density...
[http://viola.usc.edu/paper/GlobeCom2002/DATA/no0436.pd...]
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- ☐ **11. ITERATION TERMINATING USING QUALITY INDEX CRITERIA OF TURBO CODES TEICHER, Haim / MOTOROLA, INC., PATENT COOPERATION TREATY APPLICATION, Oct 2002**
...output of either **SISO decoder** and not necessarily...Gaussian channel with **fading**, the log-likelihood...EsINO (3) For a **fading** channel, a corresponds to the **fading** amplitude. For a...the constituent **turbo decoder** is shown in FIG...
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- ☐ **12. PHY Proposal for 802.16 based on cable modem standards [PDF-52K]**
Nov 2000
1999-10-29 IEEE 802.16pc-99/23 0 Project IEEE 802.16 Broadband Wireless Access Working Group Title PHY Proposal for 802.16 based on cable modem standards Date Submitted 1999-10-29 Source Moshe Ran TelesciCOM 6 Machtesh St.
[http://grouper.ieee.org/groups/802/16/tg1/phy/contrib/...]
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- ☐ **13. IMPROVED TURBO DECODER 1 BENEDETTO, Sergio / DRAKUL, Spase / MASERA, Guido / MONTORSI, Guido / PICCININI, Gianluca / ZAMBONI, Maurizio / LUCENT TECHNOLOGIES INC.,**

PATENT COOPERATION TREATY APPLICATION, Sep 2000

IMPROVED **TURBO DECODER** 1 This invention relates to a decoder...ASICs.

Conventionally, a complete **turbo decoder** usually includes two kinds of blocks...in an increased throughput of the **SISO decoder**: in fact, if the adding of input...

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☐ **14. A Smart Implementation of Turbo Decoding for Improved Power Efficiency**

Jemibewon, Abayomi Oluwaseyi, Jul 2000


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☐ **15. STOPPING CRITERIA FOR ITERATIVE DECODING**

SHEN, Ba-Zhong / CAMERON, Kelly, B. / JAFFE, Steven, T. / BROADCOM CORPORATION, *PATENT COOPERATION TREATY APPLICATION*, May 2002


...MAP decoder or MAP **turbo decoder**. A soft output to...receives the output of **SISO decoder** 405. The converter...priori values for **SISO decoder** 405. **SISO decoder** 405 receives the...usual part of a **turbo decoder**. Converter 407 is...

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☐ **16. IMPROVED DECODING OF TURBO CODES USING DATA SCALING**

ABDULKADIR, Dinc / MOTOROLA INC., *PATENT COOPERATION TREATY APPLICATION*, Apr 2002

...diagram for a **turbo decoder** as is known in...diagram for a **SISO decoder** FIG. 6 shows simplified...to inputs of a **turbo decoder**. The scaling of...corresponds to the **fading** amplitude, Es...the constituent **SISO decoder** is shown in FIG...

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☐ **17. Iterative detection and decoding for wireless communications**

Valenti, Matthew C., Jan 2000

Thesis (Ph. D.)--Virginia Polytechnic Institute and State University, 1999. Title from electronic submission form. Vita. Abstract. Includes bibliographical references.

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Jemibewon, Abayomi Oluwaseyi., Jan 2000


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☐ **19. AREA EFFICIENT PARALLEL TURBO DECODING**

WANG, Zhongfeng / PARHI, Keshab, K. / REGENTS OF THE UNIVERSITY OF MINNESOTA, *PATENT COOPERATION TREATY APPLICATION*, Nov 2002

...Signal 123 input to **turbo decoder** 124 0 may include bits...see Fig. 2A). The **turbo decoder** 124 includes two soft-input...the first or second **SISO decoder**, (2) log likelihood...decoders 221 and 222 in **turbo decoder** 124. A detailed discussion...

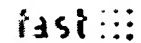
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☐ **20. Iterative Detection and Decoding for Wireless Communications**

Valenti, Matthew C, Jul 1999

Turbo codes are a class of forward error correction (FEC) codes that offer energy efficiencies close to the limits predicted by information theory. The features of turbo codes include parallel code concatenation, recursive convolutional encoding, ...

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1-25

- ☐ 1. **A novel iterative receiver for coded MIMO OFDM systems**
 Sumei Sun; Yan Wu; Yuan Li; Tjhung, T.T.;
[Communications, 2004 IEEE International Conference on](#)
 Volume 4, 20-24 June 2004 Page(s):2473 - 2477 Vol.4
 Digital Object Identifier 10.1109/ICC.2004.1312963
[AbstractPlus](#) | Full Text: [PDF\(359 KB\)](#) IEEE CNF
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- ☐ 2. **Improved space-time turbo codes with full spatial diversity over integer ring**
 Tae Min Kim; Jae Hong Lee;
[Vehicular Technology Conference, 2003. VTC 2003-Spring. The 57th IEEE Semiannual](#)
 Volume 1, 22-25 April 2003 Page(s):727 - 731 vol.1
[AbstractPlus](#) | Full Text: [PDF\(380 KB\)](#) IEEE CNF
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- ☐ 3. **Broadband beamforming for joint interference cancellation and turbo equalization**
 Koca, M.; Levy, B.C.;
[Wireless Communications, IEEE Transactions on](#)
 Volume 4, Issue 5, Sept. 2005 Page(s):2244 - 2255
 Digital Object Identifier 10.1109/TWC.2005.853815
[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE JNL
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- ☐ 4. **A low-complexity iterative interference suppressor for coded aperiodic spreading systems**
 Der-Feng Tseng;
[Circuits and Systems, 2005. ISCAS 2005. IEEE International Symposium on](#)
 23-26 May 2005 Page(s):4505 - 4508 Vol. 5
 Digital Object Identifier 10.1109/ISCAS.2005.1465633
[AbstractPlus](#) | Full Text: [PDF\(168 KB\)](#) IEEE CNF
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- ☐ 5. **A novel soft-in soft-out detection algorithm for space-time coded OFDM over multi fading channels**
 Gallo, A.S.; Vitetta, G.M.;
[Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE](#)
 Volume 1, 29 Nov.-3 Dec. 2004 Page(s):351 - 355 Vol.1
[AbstractPlus](#) | Full Text: [PDF\(605 KB\)](#) IEEE CNF
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- ☐ 6. **Turbo space-time equalization of TCM for broadband wireless channels**

Koca, M.; Levy, B.C.;
[Wireless Communications, IEEE Transactions on](#)
Volume 3, Issue 1, Jan. 2004 Page(s):50 - 59
Digital Object Identifier 10.1109/TWC.2003.821204
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(304 KB\)](#) IEEE JNL
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7. **Doubly-iterative equalization of space-time bit-interleaved coded modulation**
Koca, M.; Levy, B.C.;
[Global Telecommunications Conference, 2004. GLOBECOM '04. IEEE](#)
Volume 2, 29 Nov.-3 Dec. 2004 Page(s):790 - 794 Vol.2
Digital Object Identifier 10.1109/GLOCOM.2004.1378068
[AbstractPlus](#) | Full Text: [PDF\(522 KB\)](#) IEEE CNF
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8. **Differential space-time CDMA with turbo decoding**
Alesiani, F.; Tarable, A.;
[Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE](#)
Volume 2, 1-5 Dec. 2003 Page(s):616 - 620 Vol.2
Digital Object Identifier 10.1109/GLOCOM.2003.1258312
[AbstractPlus](#) | Full Text: [PDF\(276 KB\)](#) IEEE CNF
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9. **Broadband beamforming for joint interference cancellation and low-complexity turbo equalization**
Koca, M.; Levy, B.C.;
[Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE](#)
Volume 4, 1-5 Dec. 2003 Page(s):2161 - 2166 vol.4
Digital Object Identifier 10.1109/GLOCOM.2003.1258618
[AbstractPlus](#) | Full Text: [PDF\(274 KB\)](#) IEEE CNF
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10. **Iterative space-time soft interference cancellation for UMTS-FDD uplink**
Mottier, D.; Brunel, L.;
[Vehicular Technology, IEEE Transactions on](#)
Volume 52, Issue 4, July 2003 Page(s):919 - 930
Digital Object Identifier 10.1109/TVT.2003.814228
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(795 KB\)](#) IEEE JNL
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11. **Multistage Iterative Decoding With Complexity Reduction for Concatenated Space Codes**
Reial, A.; Wilson, S.G.;
[Communications, IEEE Transactions on](#)
Volume 53, Issue 8, Aug. 2005 Page(s):1300 - 1309
Digital Object Identifier 10.1109/TCOMM.2005.852848
[AbstractPlus](#) | Full Text: [PDF\(456 KB\)](#) IEEE JNL
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12. **Iterative cyclic prefix reconstruction and channel estimation for a STBC OFDM system**
Hui-Chul Won; Gi-Hong Im;
[Communications Letters, IEEE](#)
Volume 9, Issue 4, April 2005 Page(s):307 - 309
Digital Object Identifier 10.1109/LCOMM.2005.1413616
[AbstractPlus](#) | Full Text: [PDF\(606 KB\)](#) IEEE JNL
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13. **Constellation mapping for space-time matrix modulation with iterative demodulation/decoding**
Yabo Li; Xiang-Gen Xia;
[Communications, IEEE Transactions on](#)
Volume 53, Issue 5, May 2005 Page(s):764 - 768
Digital Object Identifier 10.1109/TCOMM.2005.847163

[AbstractPlus](#) | [References](#) | Full Text: [PDF\(336 KB\)](#) IEEE JNL
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14. **Should MIMO orthogonal space-time coding be preferred to non-orthogonal coding for iterative detection?**
 Ali Khalighi, M.; Helard, J.-F.;
[Signal Processing and Information Technology, 2005. Proceedings of the Fifth IEEE International Symposium on](#)
 Dec. 18 - 21, 2005 Page(s):340 - 345
 Digital Object Identifier 10.1109/ISSPIT.2005.1577120
[AbstractPlus](#) | Full Text: [PDF\(442 KB\)](#) IEEE CNF
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15. **Iterative cyclic prefix reconstruction and channel estimation for space-time block frequency division multiplexing**
 Hui-Chul Won; Jin-Ho Jang; Gi-Hong Im;
[Communications, 2005. ICC 2005. 2005 IEEE International Conference on](#)
 Volume 4, 16-20 May 2005 Page(s):2611 - 2615 Vol. 4
 Digital Object Identifier 10.1109/ICC.2005.1494822
[AbstractPlus](#) | Full Text: [PDF\(277 KB\)](#) IEEE CNF
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16. **Quasi-orthogonal STBC with iterative decoding in bit interleaved coded modulation**
 Chang-Kyung Sung; Jihoon Kim; Inkyu Lee;
[Vehicular Technology Conference, 2004. VTC2004-Fall. 2004 IEEE 60th](#)
 Volume 2, 26-29 Sept. 2004 Page(s):1323 - 1327 Vol. 2
 Digital Object Identifier 10.1109/VETECF.2004.1400238
[AbstractPlus](#) | Full Text: [PDF\(1817 KB\)](#) IEEE CNF
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17. **Turbo detection and decoding for space-time block-coded block transmission systems**
 Dongming Wang; Junhui Zhao; Xiqi Gao; Xiaohu You; Woogoo Park; Yun Hee Kim;
[Wireless Communications and Networking Conference, 2004. WCNC. 2004 IEEE](#)
 Volume 3, 21-25 March 2004 Page(s):1631 - 1635 Vol.3
[AbstractPlus](#) | Full Text: [PDF\(408 KB\)](#) IEEE CNF
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18. **Coded performance of spread space-spectrum multiple access for the MIMO forward transmission**
 Ng, B.K.; Sousa, E.S.;
[Global Telecommunications Conference, 2003. GLOBECOM '03. IEEE](#)
 Volume 3, 1-5 Dec. 2003 Page(s):1221 - 1225 vol.3
 Digital Object Identifier 10.1109/GLOCOM.2003.1258433
[AbstractPlus](#) | Full Text: [PDF\(252 KB\)](#) IEEE CNF
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19. **Turbo-coded modulation for systems with transmit and receive antenna diversity in block fading channels: system model, decoding approaches, and practical considerations**
 Stefanov, A.; Duman, T.M.;
[Selected Areas in Communications, IEEE Journal on](#)
 Volume 19, Issue 5, May 2001 Page(s):958 - 968
 Digital Object Identifier 10.1109/49.924879
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(228 KB\)](#) IEEE JNL
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20. **On the design of layered space-time systems for autocoding**
 El Gamal, H.;
[Communications, IEEE Transactions on](#)
 Volume 50, Issue 9, Sept. 2002 Page(s):1451 - 1461
 Digital Object Identifier 10.1109/TCOMM.2002.802560
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(376 KB\)](#) IEEE JNL
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21. **On the design of space-time and space-frequency codes for MIMO frequency-selective fading channels**
El Gamal, H.; Hammons, A.R.Jr.; Youjian Liu; Fitz, M.P.; Takeshita, O.Y.;
[Information Theory, IEEE Transactions on](#)
Volume 49, Issue 9, Sept. 2003 Page(s):2277 - 2292
Digital Object Identifier 10.1109/TIT.2003.815804
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(832 KB) IEEE JNL
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22. **Turbo-BLAST: performance evaluation in correlated Rayleigh-fading environment**
Sellathurai, M.; Haykin, S.;
[Selected Areas in Communications, IEEE Journal on](#)
Volume 21, Issue 3, April 2003 Page(s):340 - 349
Digital Object Identifier 10.1109/JSAC.2003.809628
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(537 KB) IEEE JNL
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23. **MMSE-based fractional turbo receiver for space-time BICM over frequency-selective MIMO fading channels**
Wautelet, X.; Dejonghe, A.; Vandendorpe, L.;
[Signal Processing, IEEE Transactions on \[see also Acoustics, Speech, and Signal Processing, IEEE Transactions on\]](#)
Volume 52, Issue 6, June 2004 Page(s):1804 - 1809
Digital Object Identifier 10.1109/TSP.2004.827198
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(296 KB) IEEE JNL
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24. **Tight BER bounds for iteratively decoded bit-interleaved space-time coded modulation**
Yuheng Huang; Ritcey, J.A.;
[Communications Letters, IEEE](#)
Volume 8, Issue 3, March 2004 Page(s):153 - 155
Digital Object Identifier 10.1109/LCOMM.2004.823400
[AbstractPlus](#) | [References](#) | Full Text: [PDF](#)(144 KB) IEEE JNL
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25. **Optimal constellation labeling for iteratively decoded bit-interleaved space-time coded Modulation**
Yuheng Huang; Ritcey, J.A.;
[Information Theory, IEEE Transactions on](#)
Volume 51, Issue 5, May 2005 Page(s):1865 - 1871
Digital Object Identifier 10.1109/TIT.2005.846409
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 Biglieri, E.; Nardio, A.; Taricco, G.;
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 Volume 9, Issue 2, Feb. 2005 Page(s):106 - 108
 Digital Object Identifier 10.1109/LCOMM.2005.02032
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 Yuheng Huang; Ritcey, J.A.;
[Communications Letters, IEEE](#)
 Volume 9, Issue 2, Feb. 2005 Page(s):157 - 159
 Digital Object Identifier 10.1109/LCOMM.2005.02002
[AbstractPlus](#) | Full Text: [PDF\(508 KB\)](#) IEEE JNL
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 Digital Object Identifier 10.1109/VETECS.2005.1543582
[AbstractPlus](#) | Full Text: [PDF\(768 KB\)](#) IEEE CNF
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 Ozbek, B.; Le Ruyet, D.;
[Vehicular Technology Conference, 2005. VTC 2005-Spring, 2005 IEEE 61st](#)
 Volume 2, 30 May-1 June 2005 Page(s):929 - 933 Vol. 2
 Digital Object Identifier 10.1109/VETECS.2005.1543442
[AbstractPlus](#) | Full Text: [PDF\(2752 KB\)](#) IEEE CNF
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- ☐ 30. **Turbo-MIMO transceiver for frequency-selective wireless channels**
 Ratnarajah, T.; Sellathurai, M.;
[Vehicular Technology Conference, 2005. VTC 2005-Spring, 2005 IEEE 61st](#)
 Volume 2, 30 May-1 June 2005 Page(s):878 - 881 Vol. 2
 Digital Object Identifier 10.1109/VETECS.2005.1543431
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